

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number		
				Filing Date		Herewith
				First Named Inventor		TESHIROGI
				Group Art Unit		
				Examiner Name		
Sheet	1	of	2	Attorney Docket Number		06550/LH

**U.S. PATENT DOCUMENTS**

Exam. Initials	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.G./						

**FOREIGN PATENT DOCUMENTS**

Exam Initials	Cite No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
		JP	2000-511281	A		08-29-2000		
		JP	2000-508501	A		07-04-2000		
		JP	2002-507728	A		03-12-2002		
		JP	2003-529050	A		09-30-2003		

Examiner Signature	/Cassi Galt/	Date Considered	07/10/2008
-----------------------	--------------	--------------------	------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

DATE MAILED: September 19, 2006

10/593539  
IAP9/Rec'd PCT/PTO 19 SEP 2006

Please type a plus sign (+) inside this box →

+

PTO/SB/08B (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number			
				Filing Date		Herewith	
				First Named Inventor		TESHIROGI	
				Group Art Unit			
				Examiner Name			
Sheet	2	of	2	Attorney Docket Number		06550/LH	
<b>OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS</b>							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published					T <sup>2</sup>
		<p>I. GRESHAM et al; ULTRA-WIDEBAND RADAR SENSORS FOR SHORT-RANGE VEHICULAR APPLICATIONS; IEEE Transactions on Microwave Theory &amp; Techniques; Vol. 52, No. 9, September 2004.</p> <p>K. HAMAGUCHI et al; UWB PROBLEMS TO BE SOLVED FOR ULTRAWIDE-BAND SHORT-RANGE RADAR SYSTEMS; Yokosuke Radio Communications Research Center, 2004; pp. SS-17 - SS-18.</p> <p>T. SAKANE; UWB APPLICATION FOR SYSTEMS USING MICROWAVE UWB; Special Edition; August 2004, Vol. 24, No. 8; pp 26-37.</p> <p>FCC 04-285; SECOND REPORT AND ORDER AND SECOND MEMORANDUM OPINION AND ORDER; Dec. 16, 2004.</p> <p>ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.G./</p> <p>T. TESHIROGI et al; WIDEBAND CIRCULARLY POLARIZED ARRAY ANTENNA WITH SEQUENTIAL ROTATIONS AND PHASE SHIFT OF ELEMENTS; Proceedings of ISAP; 1985; pp. 117-120.</p>					
Examiner Signature	/Cassi Galv/			Date Considered	07/10/2008		

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Place a check here if English translation is attached.

DATE MAILED: September 19, 2006